

WHAT WE CLAIM IS:

1. A color hologram display comprising a combined reflection and volume type of single layer or multilayer, wherein a color pattern of plane characters, images or the like and a color three-dimensional subject image are reconstructably recorded while spatially superposed one upon another.

2. The color hologram display according to claim 1, wherein said color pattern of plane characters, images or the like is reconstructably recorded in monochrome.

3. The color hologram display according to claim 2, wherein said color pattern of plane characters, images or the like is reconstructably recorded in green.

4. The color hologram display according to any one of claims 1 to 3, wherein a plane shadow of said color pattern of plane characters, images or the like is reconstructably recorded on a surface different from a surface of said color pattern.

5. The color hologram display according to claim 4, wherein said shadow is reconstructably recorded in a complementary color to a color of said color pattern.

6. The color hologram display according to claim 4 or 5, wherein said shadow is reconstructably recorded in front of said color pattern.

7. The color hologram display according to any one of claims 1 to 3, wherein any shadow of said color pattern of plane characters, images or the like is unrecorded.

8. A process of fabricating a color hologram display, wherein a color three-dimensional subject image and a color pattern of plane characters, images or the like are recorded as hologram images in the same photosensitive material.

5 9. A process of fabricating a according to claim 5 or 6, wherein a subject hologram plate for forming a color three-dimensional subject image and a character hologram plate for reconstructing the color pattern of plane characters, images or the like are separately made, said
10 subject hologram plate and said character hologram plate are spatially positioned with a given space located therebetween, and diffracted light from said subject hologram plate and said character hologram plate is simultaneously entered in the same photosensitive material to record said subject and
15 character hologram plates as hologram images.

10. The color hologram display fabrication process according to claim 9, wherein an area of said hologram photosensitive material other than a portion thereof corresponding to said color pattern of plane characters, images or the like is deactivated by photosensitization, and
20 a reflection type hologram of a scatter plate is then recorded in said portion of said hologram photosensitive material to make said hologram plate.

25 11. The color hologram display fabrication process according to any one of claims 8 to 10, wherein said subject hologram plate is recorded in three colors, red, green and blue and said character hologram plate is recorded in any one of red, green and blue.

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12. The color hologram display fabrication process according to claim 11, wherein said character hologram plate is recorded in green.

13. The color hologram display fabrication according to claim 5, wherein said character hologram plate for reconstructing said color pattern of plane characters, images or the like is made, said character hologram plate is located in front of a color three-dimensional subject, and diffracted light from said character hologram plate and scattered light from said color three-dimensional subject are simultaneously entered in the same photosensitive material to record said hologram plates as hologram images.

14. A process of fabricating a color hologram display as recited in claim 7, wherein a subject hologram plate for forming a color three-dimensional subject image and a character hologram plate for reconstructing a color pattern image of plane characters, images or the like are separately made, said subject hologram plate and said character hologram plate are superposed one upon another, and diffracted light from said subject hologram plate and said character hologram plate is simultaneously entered in the same photosensitive material to record said color three-dimensional subject image and said color pattern image of plane characters, images or the like as hologram images.

15. A subject hologram plate used to fabricate a color hologram display, wherein a subject hologram plate for forming a color three-dimensional subject image and a character hologram plate for reconstructing a color pattern

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